

WATER OPERATING SECTION FOOTNOTES**Pumping & Power Equipment (Page W-15)**

Certain pumps have actual capacity larger than accepted by the system. These are as follows:

Pump Number	Actual Capacity	Reported Capacity
003	34,722	32,767
004	34,722	32,767
005	34,722	32,767
006	34,722	32,767
007	52,083	32,767
008	69,444	32,767
009	38,194	32,767
011	38,194	32,767
014	38,194	32,767
021	34,722	32,767
022	34,722	32,767

Reservoirs, Standpipes & Water Treatment (Page W-16)

Copy 1. The water treatment plant referred to is the Linnwood Ave. Plant, placed into service in 1939.

Copy 2. The water treatment plant referred to is the Howard Ave. Plant, placed into service in 1962.

Copy 2. Unit B, Kilbourn Standpipe, commonly known as "Kilbourn Reservoir" was constructed in 1873, but the program does not accept years before 1901.

Water Mains (Page W-17)

Financing of mains additions:

A large portion of main additions in Col (e) were replacements of existing mains - Note retirements, Col. (f). These are financed from earnings. Other additions were financed from earnings, assessments or paid for by land developers.

Deferred assessments totaled \$61,486. Instead of interest, the current assessment rate was charged on these deferred assessments.

Financing by Land Developers totaled \$504,098. Such additions are governed by City of Milwaukee Ordinance No 146, File Number 60-368-b, approved June 30, 1962, and Ordinance No 679, File Number 63-2254-a, approved March 6, 1964.

The basis of assessment is one-half the cost of the 8-inch diameter water main applied against the front footage of each property ownership on each side of the street where a water main is laid.

Water Services (Page W-18)

The Milwaukee Water Works owns no services. They are owned by property owners. However the Water Works maintains services from the water main to the curb stop. From the curb stop to the building, the property owner is responsible for maintenance of the service or branch.

WATER OPERATING SECTION FOOTNOTES

Reservoirs, Standpipes & Water Treatment (Page W-16)

Copy 1. The water treatment plant referred to is the Linnwood Avenue Plant, placed in service in 1939.

Copy 2. The water treatment plant referred to is the Howard Avenue Plant, placed into service in 1962.

Copy 2. Unit B, Kilbourn Standpipe, commonly known as "Kilbourn Reservoir", was constructed in 1873. The software does not accept years before 1901.

Water Mains (Page W-17)

Financing of water main additions.

A large portion of main additions in Col.(e) were replacements of existing mains - note Retirements, Col.(f). These are financed from earnings. Other additions were either financed from earnings, assessments, or paid for by developers.

Deferred assessments totaled \$41,933. Instead of interest, the current assessment rate was charged on these deferred assessments.

Financing by land developers totaled \$2,190,002. Such additions are governed by City of Milwaukee Ordinance 146, File 60-368-b, approved June 30, 1962, and Ordinance 679, File 63-2254-a, approved March 6, 1964.

The basis of assessment is one-half the cost of the 8" diameter water main, applied against the front footage of each property ownership on each side of the street where a water main is laid.

Water Services (Page W-18)

The Milwaukee Water Works doesn't own any water services. The water services are owned by the property owners. However, the Water Works maintains the water services from the water main to the curb stop. From the curb stop to the building, the property owner is responsible for maintenance.

Hydrants and Distribution System Valves (Page W-20)

Additions and retirements entered per 6/14/99 email from James Meyer. ele

Regarding exercising valves, the Milwaukee Water Works has two valve exercise programs, one for valves 16" and smaller, and one for valves 20" and larger. These programs generally have been successful even though each valve is not operated within a two year time frame. If we encounter an inoperative valve during a turn-off, it is relatively simple to operate the next valve in line to accomplish the turn-off while minimizing the inconvenience to the customers.

For "Number of distribution system valves end of year", the Milwaukee Water Works actually has 46,420, instead of 10,000, but the software will not accept the larger number.

WATER OPERATING SECTION FOOTNOTES

Reservoirs, Standpipes & Water Treatment (Page W-16)

Copy 1. The water treatment plant referred to is the Linnwood Avenue Plant placed into service in 1939.

Copy 2. The water treatment plant referred to is the Howard Avenue Plant, placed into service in 1962.

Copy 2. Unit B, Kilbourn Standpipe, commonly known as "Kilbourn Reservoir", was constructed in 1873. The software does not accept years before 1901.

Water Mains (Page W-17)

The various adjustments (increases and decreases) in the footage of mains were due to an internal audit of the water main property sub-ledgers.

Financing of water main additions.

A large portion of main additions in Col. (e) were replacements of existing mains - note Retirements, Col. (f). These are financed from earnings. Other additions were either financed from earnings, assessments, or paid for by Land Developers.

Deferred assessments totaled \$9,100. Instead of interest, the current assessment rate was charged on these deferred assessments.

Financing by Land Developers totaled \$1,662,052. Such additions are governed by City of Milwaukee Ordinance 146, File 60-368-b, approved June 30 1962, and ordinance 679, File 63-2254-a, approved March 6, 1964.

The basis of assessment is one-half the cost of an 8" diameter water main, applied against the front footage of each property ownership on each side of the street where a water main is laid.

Water Services (Page W-18)

The Milwaukee Water Works doesn't own any water services. The water services are owned by the property owners. However, the Water Works maintains the water services from the water main to the curb stop. From the curb stop to the building, the property owner is responsible for maintenance.

Hydrants and Distribution System Valves (Page W-20)

The adjustments between Outside of Municipality and Within Municipality are due to an audit of mains and hydrants property records.

Regarding exercising of valves, the Milwaukee Water Works has two valve exercise programs, one for valves 16" and smaller, and one for valves 20" and larger. These programs have generally been successful, even though each valve is not operated within a two year time frame. If we encounter an inoperative valve during a turn-off, it is relatively simple to operate the next valve in line to accomplish the turn-off while minimizing inconvenience to the affected customers.

For "Number of distribution valves end of year" the Milwaukee Water Works actually has 46,607 instead of 32,000, but the software will not accept the larger number.

WATER OPERATING SECTION FOOTNOTES

Water Mains (Page W-17)

Financing of water main additions.

A large portion of main additions in Col. (e) were replacements of existing mains - note Retirements, Col. (f). These are financed from earnings. Other additions were either financed from assessments or paid for by Land Developers.

Deferred assessments total \$19,250. Instead of interest, the current assessment rate was charged on these deferred assessments.

Financing by Land Developers totaled \$14,229. Such additions are governed by City of Milwaukee Ordinance 146, File 60-368-b, approved June 30, 1962, and ordinance 679, File 63-2254-a, approved March 5, 1964.

The basis of assessment is one-half the cost of an 8" diameter water main, applied against the front footage of each property ownership on each side of the street where a water main is laid.

Water Services (Page W-18)

The Milwaukee Water Works doesn't own any water services. The water services are owned by the property owners. However, we maintain the water services from the water main to the curb stop. From the curb stop to the building, the property owner is responsible for maintenance.

Hydrants and Distribution System Valves (Page W-20)

The Milwaukee Water Works has two valve exercise programs, one for valves 16" and smaller, and one for valves 20" and larger. These programs have generally been successful, even though each valve is not operated within a two year time frame. If we encounter an inoperative valve during a turn-off, it is relatively simple to operate the next valve in line to accomplish the turn-off while minimizing inconvenience to affected customers

For "Number of distribution valves at year end" we actually have 46,640 instead of 32,000, but the software will not accept the larger number.

WATER OPERATING SECTION FOOTNOTES

Water Mains (Page W-17)

Financing of water main additions -

A large portion of main additions in column (e) were replacements of existing mains - also note retirements in column (f). These are financed from earnings. Other financed additions (CIAC) were as follows:

Deferred assessments was \$26,915. Instead of interest, the current assessment rate was charged on these deferred assessments.

Federal grant total was \$92,439. This grant (GR31084000) was administrated through the Department of City Development.

Financing by land developers totaled \$467,393. Such additions are governed by City of Milwaukee Ordinance 146, File 60-368-b, approved June 30, 1962, and ordinance 679, File 63-225-a, approved March 5, 1964.

Assessments in the City of Milwaukee were \$75,240. The basis of assessment is one-half the cost of an 8" diameter water main, applied against the front footage of each property ownership on each side of the street where a water main is laid.

Water Services (Page W-18)

The Milwaukee Water Works doesn't own any water services. The water services are owned by the property owners. However, we maintain the water services from the water main to the curb stop. From the curb stop to the building, the property owner is responsible for maintenance.

Meters (Page W-19)

The adjustment of meters is due to a combination of clerical error in recording inventory activity and personnel changes over a number of years. The system of accounting for inventory has been reengineered and we will not have these adjustment discrepancies in the future.

The number of meters tested during the year will continue to decrease because of the phasing in of the Automatic Meter Reading project.

The residential class is reporting 22 meters at the 2" size. This is because of the large mansions that were built along Lake Michigan in the 1930's and 1940's.

WATER OPERATING SECTION FOOTNOTES

Water Mains (Page W-17)

FINANCING OF WATER MAIN ADDITIONS -

A large portion of main additions in column (e) were replacements of existing mains - also note retirements in column (f). These are financed from earnings. Additions financed through other sources (CIAC) were as follows:

Financing by land developers totaled \$344,218. Such additions are governed by City of Milwaukee Ordinance 146, File 60-368-b, approved June 30, 1962, and ordinance 679, File 63-225-a, approved March 5, 1964.

Assessments in the City of Milwaukee were \$11,956. The basis of assessment is one-half the cost of an 8" diameter water main, applied against the front footage of each property ownership on each side of the street where a water main is laid.

Water Services (Page W-18)

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Meters (Page W-19)

The adjustment of meters is due to the "meters in stock" numbers. The 2001 annual report (page W-19) did not include the meters in stock as well as those in service.

The residential class is reporting 20 meters at the 2" size. This is because of the large mansions that were built along Lake Michigan in the 1930's and 1940's.
